BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2017-18/OW/WORK_INDENT29481

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/24/2017-18, Date: 21.02.2018

Drilling of Borewell and Providing Pump and Motor in Ward No. 05 Surroundin area Byatarayanapura Sub Division

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V Nagaraj	
				In Figures	In Words
1	150	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc	Rmtr	315	Rupees Three Hundred Fifteen Only
2	150	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc 0 to 50 m	Rmtr	412	Rupees Four Hundred Twelve Only
3	150	100 to 150 m	Rmtr	458	Rupees Four Hundred Fifty Eight Only
4	150	150 to 200 m	Rmtr	484	Rupees Four Hundred Eighty Four Only
5	150	200 to 250 m	Rmtr	560	Rupees Five Hundred Sixty Only
6	150	250 to 300 m	Rmtr	600	Rupees Six Hundred Only
7	60	300 to 320 m	Rmtr	622	Rupees Six Hundred Twenty Two Only
8	165	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes)	Rmtr	1100	Rupees One Thousand One Hundred Only
9	30	Providing and fixing 250mm dia PVC pipe and as per specification and directions.	Rmtr	1133	Rupees One Thousand One Hundred Thirty Three Only
10	3	175 mm dia M.S. Casing cap	Each	103	Rupees One Hundred Three Only
11	27	M.S. Casing pipe collars 'C' Class	Each	154	Rupees One Hundred Fifty Four Only
12	3	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage	No	74730	Rupees Seventy Four Thousand Seven Hundred Thirty Only
13	900	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe	Rmtr	340	Rupees Three Hundred Forty Only
14	150	Providing & fixing heavy duty collar	No	159	Rupees One Hundred Fifty Nine Only

Signature of the contractor

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V Nagaraj	
				In Figures	In Words
15	1830	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia	Mtr	188	Rupees One Hundred Eighty Eight Only
16	3	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	14800	Rupees Fourteen Thousand Eight Hundred Only
17	66000	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm	Sqm	0.34	and Thirty Four Paise Only
18	3	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No	690	Rupees Six Hundred Ninety Only
19	9	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.	No	1282	Rupees One Thousand Two Hundred Eighty Two Only
20	9	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia	No	1749	Rupees One Thousand Seven Hundred Forty Nine Only
21	9	Providing and fixing of 50mm GI bend to motor GI FITTINGS TABLE)	No	232	Rupees Two Hundred Thirty Two Only
22	9	Providing and fixing of 50mm GI Nipple to motor GI FITTINGS TABLE)	No	110	Rupees One Hundred Ten Only
23	9	Providing and fixing of 50mm GI union to the motor (GI FITTINGS TABLE)	No	237	Rupees Two Hundred Thirty Seven Only
24	3	Labour Charges for end connection (MR)	No	400	Rupees Four Hundred Only
25	135	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m)	L	90	Rupees Ninety Only
26	3	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No	475	Rupees Four Hundred Seventy Five Only
27	3	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP	No	906	Rupees Nine Hundred Six Only
28	9	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete....	No	150	Rupees One Hundred Fifty Only
29	105	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554)	Mtr	169	Rupees One Hundred Sixty Nine Only
30	105	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces	Mtr	56	Rupees Fifty Six Only
31	9	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm	Mtr	294	Rupees Two Hundred Ninety Four Only

H.V.N

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V Nagaraj	
				In Figures	In Words
32	3	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia	No	1699	Rupees One Thousand Six Hundred Ninety Nine Only
33	3	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc,	No	271	Rupees Two Hundred Seventy One Only
34	3	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No	1350	Rupees One Thousand Three Hundred Fifty Only
35	9	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia	No	1515	Rupees One Thousand Five Hundred Fifteen Only
36	3	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches	No	311	Rupees Three Hundred Eleven Only
37	135	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cum	151.3	Rupees One Hundred Fifty One and Thirty Paise Only
38	300	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete	Mtr	320.4	Rupees Three Hundred Twenty and Forty Paise Only
39	135	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications	Cum	44.5	Rupees Forty Four and Fifty Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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